The drawing(s) filed (insert date 12-03:

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.

Form PTO 948 (Rev. 03/01) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

Application No. 04/938497

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

B objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require Submission of new, corrected drawings when necessary. Corrected drawing must be sumitted according to the instructions on the back of this notice. 8. ARRANGEMENT OF VIEWS, 37 CFR 1.84(i) 1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Words do not appear on a horizontal, left-to-right fashion Black ink. Color. Color drawings are not acceptable until petiton is granted. when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)\_ Fig(s) Pencil and non black ink not permitted. Fig(s) 9. SCALE. 37 CFR 1.84(k) 2. PHOTOGRAPHS. 37 CFR 1.84(b) Scale not large enough to show mechanism without 1 full-tone set is required. Fig(s) crowding when drawing is reduced in size to two-thirds in Photographs may not be mounted. 37 CFR 1.84(e) reproduction. Poor quality (half-tone). Fig(s) 3. TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. 37 CFR 1.84(i) Lines, numbers & letters not uniformly thick and well Fig(s) Erasures, alterations, overwritings, interlineations, defined, clean, durable, and black (poor line quality). folds, copy machine marks not accepted. Fig(s)\_ Fig(s)\_ 11. SHADING. 37 CFR 1.84(m) Mylar, velum paper is not acceptable (too thin). Solid black areas pale. Fig(s) Fig(s) Solid black shading not permitted. Fig(s)

Shade lines, pale, rough and blurred. Fig(s) 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p) All drawing sheets not the same size. Numbers and reference characters not plain and legible. Sheet(s)\_ Drawings sheets not an acceptable size. Fig(s) Fig(s) Figure legends are poor. Fig(s) 5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Fig(s) English alphabet not used. 37 CFR 1.84(p)(2) Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm Margins not acceptable. Fig(s)

Top (T)

Right (R)

Margins not acceptable. Fig(s)

Left (L)

Bottom (B) Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) 13. LEAD LINES. 37 CFR 1.84(q) 6. VIEWS. 37 CFR 1.84(h) \_\_\_\_ Lead lines cross each other. Fig(s) \_ REMINDER: Specification may require revision to Lead lines missing. Fig(s)

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(1) correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Sheets not numbered consecutively, and in Arabic numerals Brackets needed to show figure as one entity. beginning with number 1. Sheet(s) Fig(s) 15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not labeled separately or properly. Views not numbered consecutively, and in Arabic numerals, Fig(s) Enlarged view not labeled separetely or properly. beginning with number 1. Fig(s):
16. CORRECTIONS. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated 3 - 2 3 3 3 7 CFR 1.152 7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Surface shading shown not appropriate. Fig(s) Fig(s) Solid black shading not used for color contrast. Sectional designation should be noted with Arabic or Fig(s) Roman numbers. Fig(s)\_ COMMENTS

DATE 7-27-03 TELEPHONE NO.

ATTACHMENT TO PAPER NO.

REVIEWER